



**ATTORNEY DOCKET NO. JP920000451US1**

**In re Application of:**

TAKUYA SATOH, ET AL.

**Serial No. 10/074,718**

**Filed: 13 FEBRUARY 2002**

**For: SOLDER BALL DISPOSING  
APPARATUS, SOLDER BALL REFLOW  
APPARATUS, AND SOLDER BALL  
BONDING APPARATUS**

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**EXAMINER: KIMBERLY WHITE**

ART UNIT: 1725

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## **SUBMISSION OF SUBSTITUTE DECLARATION AND POWER OF ATTORNEY**

**U.S. Patent and Trademark Office  
Assignment Division  
Box Assignments, CG-4  
1213 Jefferson Davis Highway, Suite 320  
Washington, D.C. 20231**

**Sir:**

Applicant submits herewith a substitute Declaration and Power of Attorney in the above-entitled application. This Declaration and Power of Attorney document corrects only the spelling of inventor Takuya Satoh's name. No other change has been made.

**CERTIFICATE OF MAILING**  
**37 CFR 1.8(A)**

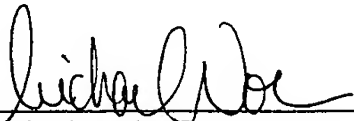
I hereby certify that this correspondence is, on the date shown below, being deposited with the United States Postal Service as First Class Mail in an envelope addressed to the Assistant Commissioner of Patents, Washington, D. C. 20231.

**June 12, 2002**  
**Date**

Signature of Betty J. Kirk

No fee is believed to be due; however, in the event any fee is due, please charge that fee to  
**IBM Corporation Deposit Account No. 09-0466.**

Respectfully submitted,

  
\_\_\_\_\_  
Michael E. Noe Jr.

*Registration No. 44,975*

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**ATTORNEY FOR APPLICANTS**



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|                                                                                                                                                                                                                                                                                            |                      |                     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|---------------------|
| <b>DECLARATION FOR<br/>UTILITY OR DESIGN<br/>PATENT APPLICATION<br/>(37 CFR 1.63)</b><br><br><input type="checkbox"/> Declaration submitted with initial filing<br><input checked="" type="checkbox"/> Declaration submitted after initial filing<br>(surcharge required (37 CFR 1.16(e))) | Attorney Docket No.  | JP920000451US1      |
|                                                                                                                                                                                                                                                                                            | First Named Inventor | Takuya Satoh, et al |
|                                                                                                                                                                                                                                                                                            | Application Number   | 10/074,718          |
|                                                                                                                                                                                                                                                                                            | Filing Date          | February 13, 2002   |
|                                                                                                                                                                                                                                                                                            | Examiner Name        | UNKNOWN             |

As a below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**SOLDER BALL DISPOSING APPARATUS, SOLDER BALL REFLOW  
APPARATUS, AND SOLDER BALL BONDING APPARATUS**

the specification of which:

- ☐ is attached hereto, or
- ☒ was filed on February 13, 2002 as United States Application Number 10/074,718.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

| Prior Foreign Application Numbers | Country | Foreign Filing Date (MM/DD/YYYY) | Priority Not Claimed                                                                                         | Certified Copy Attached                                                                                                 |                                                                                                              |
|-----------------------------------|---------|----------------------------------|--------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
|                                   |         |                                  |                                                                                                              | YES                                                                                                                     | NO                                                                                                           |
| 2001-039888                       | JAPAN   | FEBR 16, 2001                    | <input type="checkbox"/><br><input type="checkbox"/><br><input type="checkbox"/><br><input type="checkbox"/> | <input checked="" type="checkbox"/><br><input type="checkbox"/><br><input type="checkbox"/><br><input type="checkbox"/> | <input type="checkbox"/><br><input type="checkbox"/><br><input type="checkbox"/><br><input type="checkbox"/> |

#### POWER OF ATTORNEY

As a named inventor, I hereby appoint the following attorneys and/or agents to prosecute the application identified above and to transact all business in the United States Patent and Trademark Office connected therewith. Further, I authorize any attorney listed below to add the U. S. Application Number and Filing Date onto the first page of this declaration to properly identify the application in the event this declaration is filed after the application is filed.

Esther E. Klein, Reg. No. 34,337;  
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Abdy Raissinia, Reg. No. 38,686;  
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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

|                                                  |        |                                                                               |                      |
|--------------------------------------------------|--------|-------------------------------------------------------------------------------|----------------------|
| NAME OF SOLE OR FIRST INVENTOR:                  |        | <input type="checkbox"/> A petition has been filed for this unsigned inventor |                      |
| Given Name<br>(first and middle [if any]) TAKUYA |        | Family Name<br>or Surname SATOH                                               |                      |
| Inventor's Signature: <i>Takuya Satoh</i>        |        | Date: <i>28/May/2002</i>                                                      |                      |
| Residence:<br>City: Miura-gun, Kanagawa-ken      | State  | Country<br>JAPAN                                                              | Citizenship<br>JAPAN |
| Mailing Address: 1523-4 Nagae, Hayama-machi      |        |                                                                               |                      |
| City:<br>Miura-gun, Kanagawa-ken                 | State: | ZIP:                                                                          | Country:<br>JAPAN    |

|                                                   |        |                                                                               |                      |
|---------------------------------------------------|--------|-------------------------------------------------------------------------------|----------------------|
| NAME SECOND INVENTOR:                             |        | <input type="checkbox"/> A petition has been filed for this unsigned inventor |                      |
| Given Name<br>(first and middle [if any]) TATSUMI |        | Family Name<br>or Surname TSUCHIYA                                            |                      |
| Inventor's Signature: <i>Tatsumi Tsuchiya</i>     |        | Date: <i>28/May/2002</i>                                                      |                      |
| Residence:<br>City Ayase-shi, Kanagawa-ken        | State  | Country<br>JAPAN                                                              | Citizenship<br>JAPAN |
| Mailing Address: 3-1-16-202 Teraodai              |        |                                                                               |                      |
| City: Ayase-shi, Kanagawa-ken                     | State: | ZIP:                                                                          | Country: JAPAN       |

|                                               |        |                                                                               |                          |
|-----------------------------------------------|--------|-------------------------------------------------------------------------------|--------------------------|
| NAME OF THIRD INVENTOR:                       |        | <input type="checkbox"/> A petition has been filed for this unsigned inventor |                          |
| Given Name<br>(first and middle [if any])     |        | Family Name<br>or Surname                                                     |                          |
| YASUHIRO                                      |        | MITA                                                                          |                          |
| Inventor's Signature: <i>Yasuhiko Mita</i>    |        |                                                                               | Date: <i>28/May/2002</i> |
| Residence:<br>City Fujisawa-shi, Kanagawa-ken | State  | Country<br>JAPAN                                                              | Citizenship<br>JAPAN     |
| Mailing Address: 2-7-15-601 Shonandai         |        |                                                                               |                          |
| City:<br>Fujisawa-shi, Kanagawa-ken           | State: | ZIP:                                                                          | Country:<br>JAPAN        |

|                                                     |        |                                                                               |                         |
|-----------------------------------------------------|--------|-------------------------------------------------------------------------------|-------------------------|
| NAME OF FOURTH INVENTOR:                            |        | <input type="checkbox"/> A petition has been filed for this unsigned inventor |                         |
| Given Name<br>(first and middle [if any])           |        | Family Name<br>or Surname                                                     |                         |
| LAN                                                 |        | SHI                                                                           |                         |
| Inventor's Signature: <i>Lan Shi</i>                |        |                                                                               | Date: <i>3/Jun/2002</i> |
| Residence:<br>City Fujisawa-shi, Kanagawa-ken       | State  | Country<br>JAPAN                                                              | Citizenship<br>JAPAN    |
| Mailing Address: E-2 LaForet Shounan, 4-13-4 Hatori |        |                                                                               |                         |
| City:<br>Fujisawa-shi, Kanagawa-ken                 | State: | ZIP:                                                                          | Country:<br>JAPAN       |

|                                                |        |                                                                               |                          |
|------------------------------------------------|--------|-------------------------------------------------------------------------------|--------------------------|
| NAME OF FIFTH INVENTOR:                        |        | <input type="checkbox"/> A petition has been filed for this unsigned inventor |                          |
| Given Name<br>(first and middle [if any])      |        | Family Name<br>or Surname                                                     |                          |
| HIROYOSHI                                      |        | YOKOME                                                                        |                          |
| Inventor's Signature: <i>Hiro Yoshi Yokome</i> |        |                                                                               | Date: <i>10/JUN/2002</i> |
| Residence:<br>City Fujisawa-shi, Kanagawa-ken  | State  | Country<br>JAPAN                                                              | Citizenship<br>JAPAN     |
| Mailing Address: 1-4-9 Watauchi                |        |                                                                               |                          |
| City:<br>Fujisawa-shi, Kanagawa-ken            | State: | ZIP:                                                                          | Country:<br>JAPAN        |

|                                                           |        |                                                                               |                             |
|-----------------------------------------------------------|--------|-------------------------------------------------------------------------------|-----------------------------|
| <b>NAME OF SIXTH INVENTOR:</b>                            |        | <input type="checkbox"/> A petition has been filed for this unsigned inventor |                             |
| Given Name<br>(first and middle [if any]) <b>TATSUSHI</b> |        | Family Name<br>or Surname <b>YOSHIDA</b>                                      |                             |
| Inventor's Signature: <i>Tatsushi Yoshida</i>             |        | Date: <i>29 May 2002</i>                                                      |                             |
| Residence:<br>City <b>Chigasaki-shi, Kanagawa-ken</b>     | State  | Country<br><b>JAPAN</b>                                                       | Citizenship<br><b>JAPAN</b> |
| Mailing Address: <b>177-7 Yabata</b>                      |        |                                                                               |                             |
| City:<br><b>Chigasaki-shi, Kanagawa-ken</b>               | State: | ZIP:                                                                          | Country:<br><b>JAPAN</b>    |

|                                                        |                             |                                                                               |                        |
|--------------------------------------------------------|-----------------------------|-------------------------------------------------------------------------------|------------------------|
| <b>NAME OF SEVENTH INVENTOR:</b>                       |                             | <input type="checkbox"/> A petition has been filed for this unsigned inventor |                        |
| Given Name<br>(first and middle [if any]) <b>SURYA</b> |                             | Family Name<br>or Surname <b>PATTANAIAK</b>                                   |                        |
| Inventor's Signature:                                  |                             | Date:                                                                         |                        |
| Residence:<br>City <b>San Jose</b>                     | State<br><b>CALIFORNIA</b>  | Country <b>USA</b>                                                            | Citizenship <b>USA</b> |
| Mailing Address: <b>2796 Glauser Drive</b>             |                             |                                                                               |                        |
| City:<br><b>San Jose</b>                               | State:<br><b>CALIFORNIA</b> | ZIP:<br><b>95133</b>                                                          | Country:<br><b>USA</b> |